

Appl. No. 10/775,606
Examiner: AUDUONG, GENE NGHIA, Art Unit 2827
In response to the Office Action dated January 25, 2005

Date: April 22, 2005
Attorney Docket No. 10113751

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A method of driving and testing a semiconductor memory device, wherein the semiconductor memory device comprises a plurality of word lines and corresponding driving circuits, and each driving circuit is controlled by a control line [[a]] and a driving line:

- entering a testing mode, selecting a plurality of word lines controlled by a driving line;
- enabling control lines corresponding to the plurality of word lines;
- enabling the driving line; and

- turning on the word lines, transferring a driving signal through the control lines to the word lines.

Claim 2 (original): The method of driving and testing a semiconductor memory device as claimed in claim 1, further comprising after a predetermined time, disabling the driving line to turn off the word lines, while the control line remains in an enabled state.

Claim 3 (original): The method of driving and testing a semiconductor memory device as claimed in claim 1, wherein the semiconductor memory device is a DRAM.

Claim 4 (original): The method of driving and testing a semiconductor memory device as claimed in claim 1, wherein the voltage signal of the control lines is pulled to a low potential level to enable the control lines to couple to the selected word lines.

Claim 5 (original): The method of driving and testing a semiconductor memory device as claimed in claim 1, wherein the voltage signal of the driving line is pulled from a low potential level to a high potential level to enable the driving line.

Claim 6 (original): The method of driving and testing a semiconductor memory device as claimed in claim 2, wherein the voltage signal of the driving line is pulled from a high potential

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level to a low potential level to disable the driving line, and the control line remains at a high potential level.